

**KEMET Part Number: T491C106K035AT**  
(B45196H6106K309)

Tantalum, MnO<sub>2</sub> Tantalum, T491, 10 uF, 10%, 35 V, 6032, SMD, MnO<sub>2</sub>, Molded, 1.6 Ohms, Height Max = 2.8mm



**Dimensions**

Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.9mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

**Packaging Specifications**

<b>Weight:</b>	224.48 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	500

**General Information**

<b>Dielectric:</b>	MnO <sub>2</sub> Tantalum
<b>Style:</b>	SMD Chip
<b>Series:</b>	T491
<b>Description:</b>	SMD, MnO <sub>2</sub> , Molded
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin

**Specifications**

<b>Capacitance:</b>	10 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	35 VDC (85C), 23.45 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Dissipation Factor:</b>	6% 120Hz 20C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	1.6 Ohms (100kHz)
<b>Current:</b>	262 mAmps (100kHz 25C), 235.8 mAmps (85C), 104.8 mAmps (125C)
<b>Leakage Current:</b>	3.5 uAmps (5min 20C)